Vigor2200E-plus VPN Router

Vigorous Broadband Access

- *Easy Internet Access via broadband technology for SOHO*
- *Protection via Firewall for the attack from the Internet*
- *Call Scheduling presets the Internet/ LAN-to-LAN access at certain time or duration*
- *UP to 16 VPN tunnels & VPN functions support IPSec/L2TP/PPTP/L2TP over IPSec*
- *Time-saving E-commerce,Video-on- demand,Interactive learning and online shopping for multiple users*
- *User-friendly Web-based Interface for installation, configuration and management*

WAN/Internet

- One 10/100M Base-TX port with a RJ-45 connector
- DHCP client for cable service
- Static IP address assignment for fixed IP networks
- PPPoE/PPTP client for ADSL service

LAN

- 4 port 10/100 Base-TX Ethernet switch
- DHCP server for IP assignment (up to 253 users)
- DNS cache and proxy
- NAT (Network Address Translation)
- Virtual LAN(VLAN) facility: divides the Ethernet ports to provide common or exclusive Ethernet access to the other segments
- Port-based rate throttling capability
  Each of the four 10/100BaseT Ethernet ports can be limited to a maximum throughput. e.g. Port 1 could be set to provide max 256Kb/s to prevent individual users, or LAN branches from consuming too much of your broadband bandwidth. Selectable 32Kb/s increments per port

Firewall Facilities

- Automatic Keep-state facility
- Selectable DoS/DDoS protection
- IP address anti-spoofing
- User-configurable packet filtering
- NAT/PAT with Port Forwarding/Redirection & DMZ

Application Support

- Windows Messenger, Yahoo Messenger, MSN Messenger V6.0, NetMeeting, ICQ2001b/ 2002a, most online gaming, and other multimedia applications
- UPnP protocol support

Virtual Private Network (VPN) Facilities

- High performance VPN device
- Up to 16 simultaneous VPN tunnels
- Dial-in or dial-out, LAN-to-LAN or Teleworker-to-LAN
- Protocol support for PPTP, IPSec, L2TP, L2TP over IPSec
- Encryption support for AES, MPPE, and DES/3DES
- Authentication support for MD5 and SHA-1
- IKE key management
- Interoperable with other leading 3rd party vendor VPN devices or software

Flexible URL Content Filtering

- Block URL (web-site) by user-defined keywords
- Preclude web surfing from using directly IP address
- Block automatic download of Java applets and Active X controls
- Block http downloads of file types: Zip/Exe
- Support time schedule to control the restrictions and regular Internet access

Router Management

- Web-based User Interface
- Command Line Interface (Telnet)
- Telnet Remote Access Support
- SNMP Agent with MIB-II
- Built-in Diagnostic Function
- Remote Firmware Upgrade
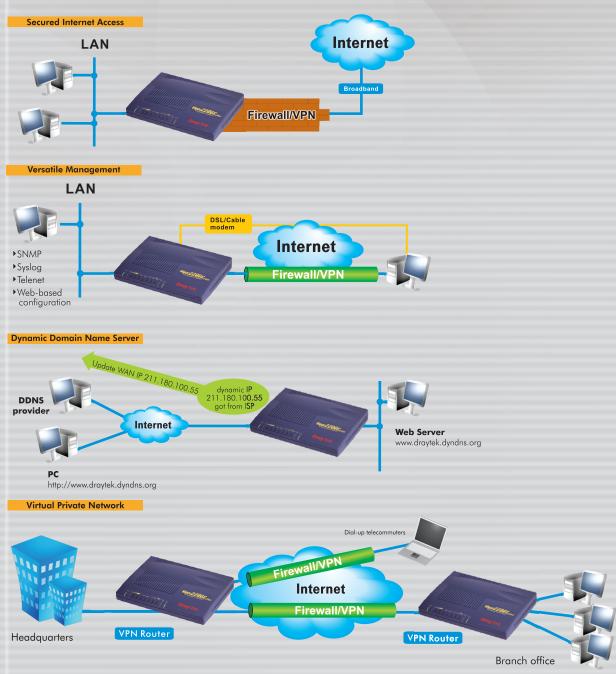- Quick Start Wizard
- Syslog Monitoring

Technical Specifications

Hardware Interface	LAN WAN	4-port 10/100 BaseTX Switch with VLAN One 10/100 BaseTX port with a RJ-45 connector
WAN Protocol		PPPoE, DHCP, PPTP, Static IP
NAT		Multi-NAT, DMZ, Port Redirection, Open Ports, Pass-thru (VPN, VoIP, NetMeeting, MSN messenger, ICQ, Quake...etc.)
Firewall Features		Access Control, IP-based Packet Filtering, Stateful Packet Inspection, Denial of Service Prevention
Virtual Private Network		IKE Key Management , IPSec, PPTP, L2TP, L2TP over IPSec, DES/3DES Encryption, AES Encryption, MPPE Encryption for PPTP, IPSec Authentication (MD5 and SHA-1), Remote Access VPN, VPN Pass Through, Up to 16 tunnels, RADIUS Support
Routing Support		RIPv2, Configurable Static Route
Network Features		UPnP Support, DHCP server/relay, Dynamic DNS, Call Scheduling, RADIUS Client
URL Filtering		URL Blocking by user- defined keyworks, Java/ActiveX Blocking, Zip/Exe file Blocking
Management		Time Schedule Support, Web-based User Interface, Command Line Interface (Telnet), Telnet Remote Access Support, SNMP Agent with MIB-II, Built-in Diagnostic Function, Remote Firmware Upgrade, Quick Start Wizard, Syslog Monitoring

Max. Power Consumption Dimension (cm) Power	10 Watt L22.0*W16.0*H3.67 AC 9V	Operating temperature: 0° to 45° C (32° to 113° F) Operating humidity: 90% maximum relative humidity, noncondensing

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Secured Internet Access

LAN

Internet

Broadband

Firewall/VPN

Versatile Management

LAN

▸ SNMP
▸ Syslog
▸ Telenet
▸ Web-based
  configuration

DSL/Cable modem

Internet

Firewall/VPN

Dynamic Domain Name Server

Update WAN IP 211.180.100.55

DDNS provider

dynamic IP
211.180.100.55
got from ISP

Internet

Web Server
www.draytek.dyndns.org

PC
http://www.draytek.dyndns.org

Virtual Private Network

Dial-up telecommuters

Firewall/VPN

Internet

Firewall/VPN

Headquarters

VPN Router

VPN Router

Branch office